



SEQUENCE LISTING

<110> MEHEUS, LYDIE
LUHRMANN, REINHARD GEORGE
UNION, ANN
RAYMACKERS, JOSEPH

<120> METHYLATED, SMD HOMOLOGOUS PEPTIDES, REACTIVE WITH THE ANTIBODIES
FROM SERA OF LIVING BEINGS AFFECTED WITH SYSTEMIC LUPUS
ERYTHEMATOSUS

<130> 11362.0011.DVUS01

<140> US 10/056,407
<141> 2002-01-24

<150> US 09/297,981
<151> 1999-05-10

<150> PCT/EP98/05518
<151> 1998-08-31

<150> EP 97870127
<151> 1997-08-29

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<170> PatentIn version 3.3

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<222> (2)..(18)
<223> "Xaa" stands for mono- or dimethylated arginine

<400> 1

Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa
1 5 10 15

Gly Xaa Gly

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Ala Xaa Gly Xaa Gly Xaa Gly Met Gly Xaa Gly
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Lys Ala Gln Val Ala Ala Xaa Gly Xaa Gly Xaa Gly Met Gly Xaa Gly
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Asn

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<400> 4

Asp Val Glu Pro Lys Val Lys Ser Lys Lys Arg Glu Ala Val Ala Gly
 1 5 10 15

Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly
 20 25 30

Xaa Gly Gly Pro Arg Arg
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Asp Asn His Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Gly Gly
1 5 10 15

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Gly Gly Xaa Gly Xaa Gly Gly Ser Gly Gly Xaa Gly Xaa Gly Gly
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1          5          10          15

Tyr Asn Xaa Ser Ser Gly Gly Tyr Glu Pro Xaa Gly Xaa Gly Gly Gly
          20          25          30

Xaa Gly Gly Xaa Gly Gly Met Gly Gly Ser Asp Xaa Gly Gly
          35          40          45

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Gly Gly Gln Gln Asp Xaa Gly Gly Xaa Gly Xaa Gly Gly Gly Gly Gly
1          5          10          15

Tyr Asn

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Ser Gly Gly Tyr Glu Pro Xaa Gly Xaa Gly Gly Gly Xaa Gly Gly Xaa

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1 5 10 15

Gly Gly Met Gly Gly Ser Asp Xaa Gly Gly
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Gly

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Asp Phe Asn Xaa Gly Gly Gly Asn Gly Xaa Gly Gly Xaa Gly Xaa Gly
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Gly Pro Met Gly Xaa Gly Gly Tyr Gly Gly Gly Gly Ser
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 Gly Xaa Gly Gly Asp Xaa Gly Gly Phe Xaa Gly Gly Xaa Gly Gly Gly
 20 25 30
 Asp Xaa Gly Gly Phe Gly
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Xaa Gly Gly Gly Asp Xaa Gly Gly Phe Gly
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Gly Arg Gly

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<400> 17

Asp Val Glu Pro Lys Val Lys Ser Lys Lys Arg Glu Ala Val Ala Gly
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Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly
20 25 30

Arg Gly Gly Pro Arg Arg
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Asn Ile Phe Gln Lys Arg Arg
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Tyr Asn Arg Ser Ser Gly Gly Tyr Glu Pro Arg Gly Arg Gly Gly Gly
20 25 30

Arg Gly Gly Arg Gly Gly Met Gly Gly Ser Asp Arg Gly Gly
35 40 45

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Tyr Asn

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Gly Gly Met Gly Gly Ser Asp Arg Gly Gly
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Gly

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Gly Arg Gly Gly Asp Arg Gly Gly Phe Arg Gly Gly Arg Gly Gly Gly
20 25 30

Asp Arg Gly Gly Phe Gly
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Arg Gly Gly Gly Asp Arg Gly Gly Phe Gly
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Asp Asn His Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Gly Gly
1 5 10 15

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Gly Arg Gly Arg Gly Arg Gly Arg Gly Gly Pro Arg Arg
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Gly Xaa Gly Xaa Gly Xaa Gly Xaa Gly Gly Pro Arg Arg
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